

CLAIMS

*Lab A47*  
1. A system for distributing audio content of a  
digital audio signal to an analog wireline device,  
5 comprising:

an audio input interface receiving the digital audio  
signal and identifying an audio bitstream;

10 an audio decoding unit connected to the audio input  
interface and decoding the audio bitstream;

15 an audio digital to analog converter connected to  
the audio decoding unit and converting the audio  
bitstream to an analog audio signal; and

an audio output interface connected to the audio  
digital to analog converter and distributing the analog  
audio signal to the analog wireline device.

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2. The system of claim 1, further comprising an  
audio digital decryption unit connected to the audio  
input interface and decrypting the audio bitstream.

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3. The system of claim 1, further comprising an  
audio analog decryption unit connected to the audio  
digital to analog converter and decrypting the analog  
30 audio signal.

4. The system of claim 1 wherein the audio output interface distributes the analog audio signal to multiple devices.

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5. The system of claim 1 wherein the audio input interface receives the digital audio signal from a network.

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6. The system of claim 1 wherein the audio input interface receives the digital audio signal from a local storage device.

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7. The system of claim 1 wherein the audio input interface receives the digital audio signal produced by a text-to-speech application.

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8. The system of claim 1 wherein the audio input interface receives the digital audio signal produced by a digital musical instrument.

*Sub A5*

9. A system for distributing video content of a digital video signal to an analog wireline device, comprising:

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a video input interface receiving the digital video signal and identifying a video bitstream;

10 a video decoding unit connected to the video input interface and decoding the video bitstream;

a video digital to analog converter connected to the video decoding unit and converting the video bitstream to an analog video signal; and

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a video output interface connected to the video digital to analog converter and distributing the analog video signal to the analog wireline device.

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10. The system of claim 9, further comprising a video digital decryption unit connected to the video input interface and decrypting the video bitstream.

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11. The system of claim 9, further comprising a video analog decryption unit connected to the video digital to analog converter and decrypting the analog video signal.

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12. The system of claim 9 wherein the video output interface distributes the analog video signal to multiple devices.

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13. The system of claim 9 wherein the video input interface receives the digital video signal from a network.

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14. The system of claim 9 wherein the video input interface receives the digital video signal from a local storage device.

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15. The system of claim 9 wherein the video input interface receives the digital video signal produced by a digital video camera.

*Sub A6*

16. A system for distributing audio and video content of a digital audio signal and a digital video signal to an analog wireline device, comprising:

an audio input interface receiving the digital audio signal and identifying an audio bitstream;

10 an audio decoding unit connected to the audio input interface and decoding the audio bitstream;

15 an audio digital to analog converter connected to the audio decoding unit and converting the audio bitstream to an analog audio signal;

an  
audio output interface connected to the audio digital to analog converter and distributing the analog audio signal to the analog wireline device;

a video input interface receiving the digital video signal and identifying a video bitstream;

25 a video decoding unit connected to the video input interface and decoding the video bitstream;

30 a video digital to analog converter connected to the video decoding unit and converting the video bitstream to an analog video signal;

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a video output interface connected to the video digital to analog converter and distributing the analog video signal to the analog wireline device; and

5 a synchronization unit connected to the audio output interface and the video output interface and synchronizing the analog audio signal and the analog ~~video signal~~.

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17. The system of claim 16, further comprising a splitter receiving a digital input signal and splitting the digital input signal into the digital audio signal and the digital video signal.

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18. The system of claim 16 wherein the video input interface receives the digital video signal from a network.

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19. The system of claim 16 wherein the video input interface receives the digital video signal from a local storage device.

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20. The system of claim 19 wherein the video input interface receives the digital video signal produced by a digital video camera.

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Lab Q1

21. A method for distributing audio content of a digital audio signal to an analog wireline device, comprising the steps of:

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receiving the digital audio signal and identifying an audio bitstream;

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decoding the audio bitstream;

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converting the audio bitstream to an analog audio signal; and

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distributing the analog audio signal to the analog wireline device.

22. The method of claim 21, further comprising the steps of decrypting the audio bitstream.

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23. The method of claim 21, further comprising the steps of decrypting the analog audio signal.

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24. The method of claim 21 wherein the step of decoding the audio bitstream includes decompressing the audio bitstream.

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*Sub A8*

25. A method for distributing video content of a digital video signal to an analog wireline device, comprising the steps of:

5 receiving the digital video signal and identifying a video bitstream;

decoding the video bitstream;

10 converting the video bitstream to an analog video signal; and

15 distributing the analog video signal to the analog wireline device.

20 26. The method of claim 25, further comprising the steps of decrypting the video bitstream.

27. The method of claim 25, further comprising the steps of decrypting the analog video signal.

28. The method of claim 25 wherein the step of decoding the video bitstream includes decompressing the video bitstream.

*Sub A9*

29. A method for distributing audio and video content of a digital audio signal and a digital video signal to an analog wireline device, comprising the steps of:

5 receiving the digital audio signal and identifying an audio bitstream;

decoding the audio bitstream;

10 converting the audio bitstream to an analog audio signal;

receiving the digital video signal and identifying a video bitstream;

15 decoding the video bitstream;

converting the video bitstream to an analog video signal; and

20 distributing the analog audio signal and the analog video signal to the analog wireline device.

25 30. The method of claim 29, further comprising the steps of:

receiving a digital input signal as an integrated digital input signal; and

30 splitting the digital input signal into the digital audio signal and the digital video signal.